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(71) Applicant (for all designated States except US): **JAWAHAR LAL NEHRU UNIVERSITY** [IN/IN]; New Mehrauli Road, New Delhi 110 067 (IN).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SEN, Prasenjit** [IN/IN]; School of Physical Sciences, Jawahar Lal Nehru University, New Delhi 110 067 (IN). **GHOSH, Joyee** [IN/IN]; School of Physical Sciences, Jawahar Lal Nehru University, New Delhi 110 067 (IN). **KUMAR, Prashant** [IN/IN]; School of Physical Sciences, Jawahar Lal Nehru

University, New Delhi 110 067 (IN). **ALQUADAMI, Abdullah, Q.** [IN/IN]; School of Physical Sciences, Jawahar Lal Nehru University, New Delhi 110 067 (IN). **VANDANA** [IN/IN]; School of Physical Sciences, Jawahar Lal Nehru University, New Delhi 110 067 (IN).

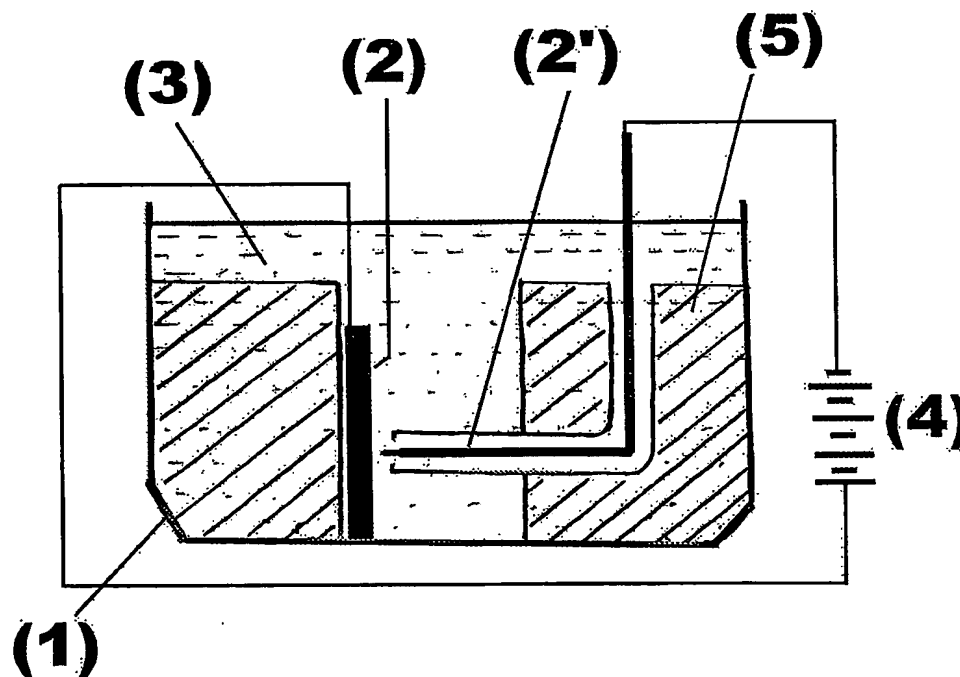
(74) Agents: **SUBRAMANAM, Hariharan et al.**; Subramaniam, Nataraj & Associates, E-556, Greater Kailash-II, New Delhi 110 048 (IN).

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(54) Title: PROCESS AND APPARATUS FOR PRODUCING METAL NANOPARTICLES



(57) Abstract: A novel process and apparatus for producing metal nanoparticles by electro-explosion of wires is disclosed. The invention comprises placing a wire and a plate of the same material as two electrodes in a dense medium, preferably water, in such a manner so as to guide the wire in a straight line and applying a voltage of greater than 12V to said electrodes to cause the wire to explode into nanoparticles.



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